

# JDE Orchestrator

## Top 4 Ways Orchestrator Enhances Your JDE Environment

1

### HARNESS THE INTERNET OF THINGS

The orchestrator enables IoT-enabled devices and machines to become users of the EnterpriseOne applications. As they feed data to the orchestrations, your JD Edwards system stays up-to-date and accurate without human intervention.



2

### HARNESS THE DIGITAL ECONOMY

The orchestrator also integrates with external systems and cloud services, allowing your EnterpriseOne system to send and receive data for integrated business processes.



3

### SIMPLIFIED ORCHESTRATION DEVELOPMENT

The orchestrator studio enables a business analyst – someone who keenly understands both the field operations and the JD Edwards EnterpriseOne applications – to create, test, and deploy orchestrations. Analysts can even capture the key processes just by recording the steps while using the EnterpriseOne applications.



4

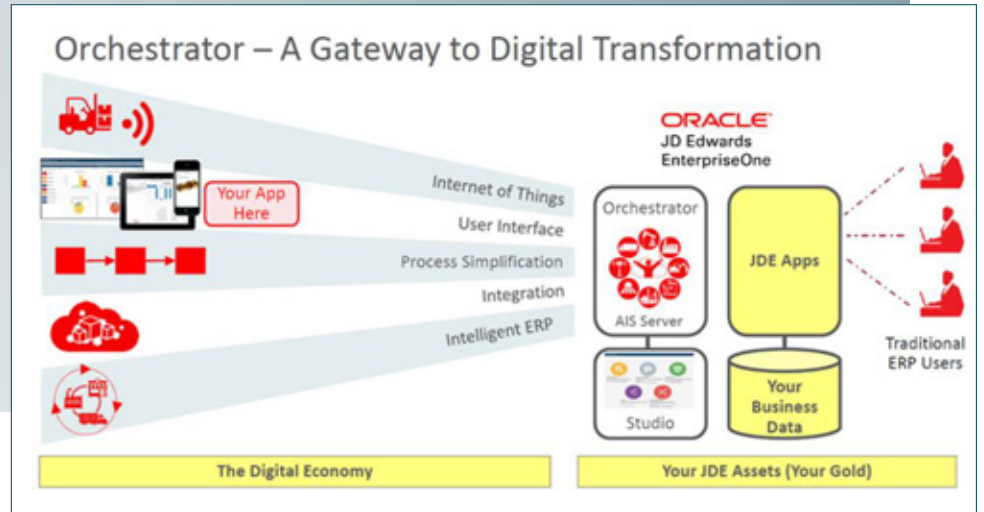
### LESS HUMAN INVOLVEMENT

Orchestrating your key business processes opens the door for extreme automation, integration with external systems and devices, less repetitive, mundane work for human users, fewer errors, lower costs and better business data. It increases the value of your entire investment in JD Edwards, leading to optimized operations, clearer analytics, and better regulatory compliance.



## Orchestrator Architecture:

- AIS server
- Orchestrator studio
- Oracle WebLogic server w/ADF runtime
- Oracle WebLogic server instance (for AIS)
- E1 tools release of 9.2.3 or greater

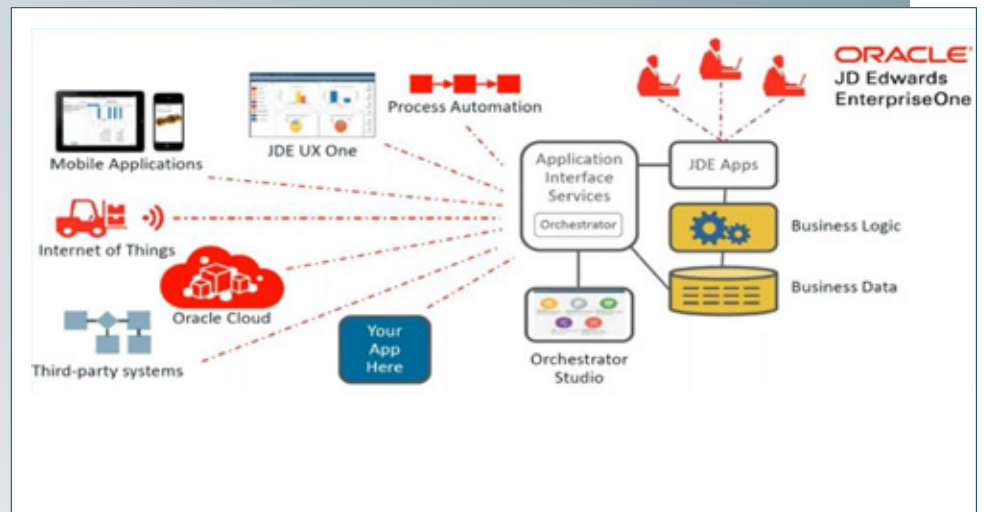


## Orchestrator Introduction:

JD Edwards Orchestrations are a series of defined steps taken in order to automate a business process.

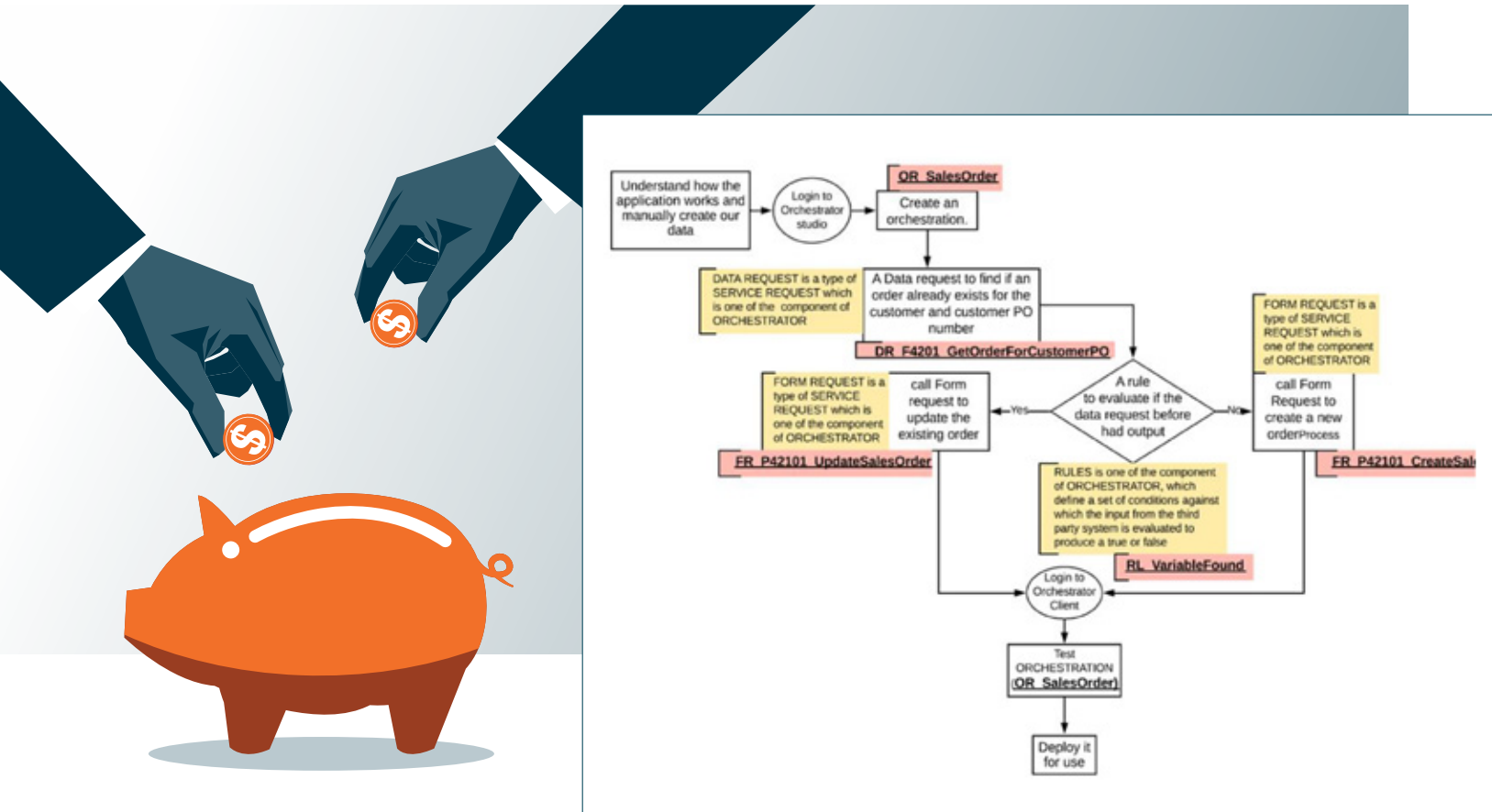
They provide a RESTful JSON web API that can be used by IoT devices, web applications, mobile applications, integration processes, and even within JDE development (starting with tools 9.2.3, we can call orchestrations from business function B98ORCH).

This tool builds on top of the AIS layer of JDE and simplifies many key features of AIS.



## Test Case 1

### Create New Sales Order or Change Lines



We start by building an orchestration to create a new sales order, or if it already exists add a line to an existing sales order into JDE.

The orchestration receives the following inputs:

- Sold to
- Ship to
- 2nd item number
- Quantity
- Line number
- Customer PO number

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## JDE Orchestrator – Configuration Steps

### THE STEPS INVOLVED IN SUCH AN ORCHESTRATION ARE:

- Understand how the application works and manually create our data
- A data request to find if an order already exists for the customer and customer PO number
- A rule to evaluate if the data request before had output
- If no output from the data request call form request to create a new order
- If there was output from the data request call form request to update the existing order
- Create an orchestration
- Test the orchestration
- Deploy it for use to the appropriate form. We can rename the variable names for better understanding
- Save the form request and press close



### About SenecaGlobal

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SenecaGlobal is headquartered in Chicago, Illinois and has a state-of-the-art software development and management center in Hyderabad, India. The company is certified as a Great Place to Work® and is ISO 9001 certified for quality and ISO 27001 certified for security.

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